

PART I
PESTICIDES (WORKER PROTECTION STANDARD)

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WAC 296-307-107 Federal worker protection standards--Washington state department of agriculture. This part contains the federal Environmental Protection Agency worker protection standards as listed in 40 CFR, Part 170. Revisions to the federal language have been incorporated into this chapter in order to be consistent with other requirements of Washington state law. These rules are adopted in conjunction with rules adopted by the Washington state department of agriculture in chapter 16-233 WAC.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-107, filed 12/01/98, effective 03/01/99.

[Recodified as § 296-307-107. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-107, filed 9/30/96, effective 11/1/96.]

WAC 296-307-110 Scope and purpose--Worker protection standards--40 CFR, § 170.1. This part contains standards designed to reduce the risks of illness or injury resulting from workers' and handlers' occupational exposures to pesticides used in the production of agricultural plants on farms or in nurseries, greenhouses, and forests and also to reduce the accidental exposure of workers and other persons to such pesticides. It requires workplace practices designed to reduce or eliminate exposure to pesticides and establishes procedures for responding to exposure-related emergencies.

[Recodified as § 296-307-110. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-110, filed 9/30/96, effective 11/1/96.]

WAC 296-307-11005 Definitions--Worker protection standards--40 CFR, § 170.3. Terms used in this part have the same meanings they have in the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. In addition, the following terms, when used in this part, shall have the following meanings:

“Agricultural emergency” means a sudden occurrence or set of circumstances which the agricultural employer could not have anticipated and over which the agricultural employer has no control, and which requires entry into a pesticide treated area during a restricted-entry interval, when no alternative practices would prevent or mitigate a substantial economic loss.

“Agricultural employer” means any person who hires or contracts for the services of workers, for any type of compensation, to perform activities related to the production of agricultural plants, or any person who is an owner of or is responsible for the management or condition of an agricultural establishment that uses such workers.

Note: This definition does not conflict with the definition of employer in WAC 296-307-012.

“Agricultural establishment” means any farm, forest, nursery, or greenhouse.

“Agricultural plant” means any plant grown or maintained for commercial or research purposes and includes, but is not limited to, food, feed, and fiber plants; trees; turfgrass; flowers, shrubs; ornamentals; and seedlings.

“Animal premise” means the actual structure used to house, cage or confine animals such as: Barns, poultry houses, mink sheds, corrals, or structures used for shelter.

“Chemigation” means the application of pesticides through irrigation systems.

“Commercial pesticide handling establishment” means any establishment, other than an agricultural establishment, that:

- Employs any person, including a self-employed person, to apply on an agricultural establishment, pesticides used in the production of agricultural plants.
- Employs any person, including a self-employed person, to perform on an agricultural establishment, tasks as a crop advisor.

“Crop advisor” means any person who is assessing pest numbers or damage, pesticide distribution, or the status or requirements of agricultural plants and who holds a current Washington state department of agriculture commercial consultant license in the agricultural areas in which they are advising. The term does not include any person who is performing hand labor tasks.

“Early entry” means entry by a worker into a treated area on the agricultural establishment after a pesticide application is complete, but before any restricted-entry interval for the pesticide has expired.

“Farm” means any operation, other than a nursery or forest, engaged in the outdoor production of agricultural plants.

“Forest” means any operation engaged in the outdoor production of any agricultural plant to produce wood fiber or timber products.

WAC 296-307-11005 (Cont.)

“Fumigant” means any pesticide product that is a vapor or gas, or forms a vapor or gas on application, and whose method of pesticidal action is through the gaseous state.

“Greenhouse” means any operation engaged in the production of agricultural plants inside any structure or space that is enclosed with nonporous covering and that is of sufficient size to permit worker entry. This term includes, but is not limited to, polyhouses, mushroom houses, rhubarb houses, and similar structures. It does not include such structures as malls, atriums, conservatories, arboretums, or office buildings where agricultural plants are present primarily for aesthetic or climatic modification.

“Hand labor” means any agricultural activity performed by hand or with hand tools that cause a worker to have substantial contact with surfaces (such as plants, plant parts, or soil) that may contain pesticide residues. The activities include, but are not limited to, harvesting, detasseling, thinning, weeding, topping, planting, sucker removal, pruning, disbudding, roguing, and packing produce into containers in the field. Hand labor does not include operating, moving, or repairing irrigation or watering equipment or performing the tasks of crop advisors.

“Handler” means a person, including a self-employed person.

- Who is employed for any type of compensation by an agricultural establishment or commercial pesticide handling establishment of which WAC 296-307-130 applies and who is:
 - * Mixing, loading, transferring, or applying pesticides.
 - * Disposing of pesticides or pesticide containers.
 - * Handling opened containers of pesticides.
 - * Acting as a flagger.
 - * Cleaning, adjusting, handling, or repairing the parts of mixing, loading, or application equipment that may contain pesticide residues.
 - * Assisting with the application of pesticides.
 - * Entering a greenhouse or other enclosed area after the application and before the inhalation exposure level listed in the labeling has been reached or one of the ventilation criteria established by WAC 296-307-12015(3)(c) or in the labeling has been met:
 - ◆ To operate ventilation equipment
 - ◆ To adjust or remove coverings used in fumigation.
 - ◆ To monitor air levels.
 - * Entering a treated area outdoors after application of any soil fumigant to adjust or remove soil coverings such as tarpaulins.
 - * Performing tasks as a crop advisor:
 - ◆ During any pesticide application.
 - ◆ Before the inhalation exposure level in the labeling has been reached or one of the ventilation criteria established by WAC 296-307-12015 (3)(c) or in the labeling has been met.
 - ◆ During any restricted-entry interval.
- The term does not include any person who is only handling pesticide containers that have been emptied or cleaned according to pesticide product labeling instructions or, in the absence of such instructions, have been subjected to triple-rinsing or its equivalent.

“Handler employer” means any person who is self-employed as a handler or who employs any handler, for any type of compensation.

WAC 296-307-11005 (Cont.)

“Immediate family” includes only spouse, children, stepchildren, foster children, parents, stepparents, foster parents, brothers, and sisters.

“Nursery” means any operation engaged in the outdoor production of any agricultural plant to produce cut flowers and ferns or plants that will be used in their entirety in another location. Such plants include, but are not limited to, flowering and foliage plants or trees; tree seedlings; live Christmas trees; vegetable, fruit, and ornamental transplants; and turfgrass produced for sod.

“Owner” means any person who has a present possessory interest (fee, leasehold, rental, or other) in an agricultural establishment covered by this chapter. A person who has both leased such agricultural establishment to another person and granted that same person the right and full authority to manage and govern the use of such agricultural establishment is not an owner for purposes of this part.

“Restricted-entry interval” means the time after the end of a pesticide application during which entry into the treated area is restricted.

“Substantial economic loss” means a loss in profitability greater than that which would be expected based on the experience and fluctuations of crop yields in previous years. Only losses caused by the agricultural emergency specific to the affected site and geographic area are considered. The contribution of mismanagement cannot be considered in determining the loss.

“Treated area” means any area to which a pesticide is being directed or has been directed.

“Worker” means any person, including a self-employed person, who is employed for any type of compensation and who is performing activities relating to the production of agricultural plants on an agricultural establishment to which WAC 296-307-120 applies. While persons employed by a commercial pesticide handling establishment are performing tasks as crop advisors, they are not workers covered by the requirements of WAC 296-307-120.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-11005, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-11005. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-11005, filed 9/30/96, effective 11/1/96.]

WAC 296-307-11010 General duties and prohibited actions--Worker protection standards--40 CFR, § 170.7.

- (1) General duties. The agricultural employer or the handler employer, as appropriate, shall:
 - (a) Assure that each worker subject to WAC 296-307-120 or each handler subject to WAC 296-307-130 receives the protections required by this part.
 - (b) Assure that any pesticide to which WAC 296-307-130 applies is used in a manner consistent with the labeling of the pesticide, including the requirements of this part.
 - (c) Provide, to each person who supervises any worker or handler, information and directions sufficient to assure that each worker or handler receives the protections required by this part. Such information and directions shall specify which persons are responsible for actions required to comply with this part.
 - (d) Require each person who supervises any worker or handler to assure compliance by the worker or handler with the provisions of this part and to assure that the worker or handler receives the protections required by this part.

WAC 296-307-11010 (Cont.)

- (2) Prohibited actions. The agricultural employer or the handler employer shall not take any retaliatory action for attempts to comply with this part or any action having the effect of preventing or discouraging any worker or handler from complying or attempting to comply with any requirement of this part.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-11010, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-11010. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-11010, filed 9/30/96, effective 11/1/96.]

WAC 296-307-11015 Violations of this part--Worker protection standards--40 CFR, § 170.9.

- (1) RCW 15.58.150 (2)(c) provides that it is unlawful for any person “ . . . to use or cause to be used any pesticide contrary to label directions . . .” When 40 CFR, Part 170 is referenced on a label, users must comply with all of its requirements except those that are inconsistent with product specific instructions on the labeling. For purposes of this chapter, the term “use” is interpreted to include:
- (a) Preapplication activities, including, but not limited to:
 - (i) Arranging for the application of the pesticide;
 - (ii) Mixing and loading the pesticide; and
 - (iii) Making necessary preparations for the application of the pesticide, including responsibilities related to worker notification, training of handlers, decontamination, use and care of personal protective equipment, emergency information, and heat stress management.
 - (b) Application of the pesticide.
 - (c) Post-application activities necessary to reduce the risks of illness and injury resulting from handlers’ and workers’ occupational exposures to pesticide residues during the restricted-entry interval plus thirty days. These activities include, but are not limited to, responsibilities related to worker training, notification, and decontamination.
 - (d) Other pesticide-related activities, including, but not limited to, providing emergency assistance, transporting or storing pesticides that have been opened, and disposing of excess pesticides, spray mix, equipment wash waters, pesticide containers, and other pesticide-containing materials.
- (2) A person who has a duty under this chapter, as referenced on the pesticide product label, and who fails to perform that duty, violates RCW 15.58.330 and 17.21.315, and is subject to civil penalties under RCW 15.58.335, 15.58.260 and 17.21.315.
- (3) FIFRA section 14 (b)(4) provides that a person is liable for a penalty under FIFRA if another person employed by or acting for that person violates any provision of FIFRA. The term “acting for” includes both employment and contractual relationships.
- (4) The requirements of this chapter, including the decontamination requirements, shall not, for the purposes of section 653 (b)(1) of Title 29 of the U.S. Code, be deemed to be the exercise of statutory authority to prescribe or enforce standards or regulations affecting the general sanitary hazards addressed by the WISHA Field Sanitation Standard, WAC 296-24-120, or other agricultural, nonpesticide hazards.

[Recodified as § 296-307-11015. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-11015, filed 9/30/96, effective 11/1/96.]

STANDARD FOR WORKERS

WAC 296-307-120 Applicability of this section--Standards for workers--40 CFR, § 170.102.

Requirement. Except as provided by WAC 296-307-12005 and 296-307-12010, WAC 296-307-120 applies when any pesticide product is used on an agricultural establishment in the production of agricultural plants.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-120, filed 12/01/98, effective 03/01/99.

[Recodified as § 296-307-120. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-120, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12005 Exceptions--Standards for workers--40 CFR, § 170.103. This section does not apply when any pesticide is applied on an agricultural establishment in the following circumstances:

- (1) For mosquito abatement, Mediterranean fruit fly eradication, or similar wide-area public pest control programs sponsored by governmental entities.
- (2) On livestock or other animals, or in or about animal premises.
- (3) On plants grown for other than commercial or research purposes, which may include plants in habitations, home fruit and vegetable gardens, and home greenhouses.
- (4) On plants that are in ornamental gardens, parks, and public or private lawns and grounds that are intended only for aesthetic purposes or climatic modification.
- (5) By injection directly into agricultural plants. Direct injection does not include “hack and squirt,” “frill and spray,” chemigation, soil-incorporation, or soil-injection.
- (6) In a manner not directly related to the production of agricultural plants, including, but not limited to, structural pest control, control of vegetation along rights-of-way and in other noncrop areas, and pasture and rangeland use.
- (7) For control of vertebrate pests.
- (8) As attractants or repellents in traps.
- (9) On the harvested portions of agricultural plants or on harvested timber.
- (10) For research uses of unregistered pesticides.

[Recodified as § 296-307-12005. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12005, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12010 Exemptions--Standards for workers--40 CFR, § 170.104. The workers listed in this section are exempt from the specified provisions of WAC 296-307-120.

- (1) Owners of agricultural establishments.
 - (a) The owner of an agricultural establishment is not required to provide to himself/herself or members of his/her immediate family who are performing tasks related to the production of agricultural plants on their own agricultural establishment the protections of:
 - (i) WAC 296-307-12020 (3)(e) through (i);
 - (ii) WAC 296-307-12020 (3)(e) through (i); as referenced in WAC 296-307-12020 (4)(b)(iii) and (5);

WAC 296-307-12010 (Cont.)

- (iii) WAC 296-307-12025;
 - (iv) WAC 296-307-12030;
 - (v) WAC 296-307-12040;
 - (vi) WAC 296-307-12045;
 - (vii) WAC 296-307-12050;
 - (viii) WAC 296-307-12055.
 - (b) The owner of the agricultural establishment must provide the protections listed in (a)(i) through (viii) of this subsection to other workers and other persons who are not members of his/her immediate family.
- (2) Crop advisors.
- (a) Provided that the conditions of this section are met, a person who is certified or licensed as a crop advisor by a program acknowledged as appropriate in writing by EPA or a State or Tribal lead agency for pesticide enforcement, and persons performing crop advising tasks under such qualified crop advisor's direct supervision, are exempt from the provisions of:
 - (i) WAC 296-307-12050.
 - (ii) WAC 296-307-12055.

A person is under the direct supervision of a crop advisor when the crop advisor exerts the supervisory controls set out in (b)(iii) and (iv) of this subsection. Direct supervision does not require that the crop advisor be physically present at all times, but the crop advisor must be readily accessible to the employees at all times.

- (b) Conditions of exemption.
 - (i) The certification or licensing program requires pesticide safety training that includes, at least, all the information in WAC 296-307-13025 (3)(d).
 - (ii) Applies only when performing crop advising tasks in the treated area.
 - (iii) The crop advisor must make specific determinations regarding the appropriate PPE, appropriate decontamination supplies, and how to conduct the tasks safely. The crop advisor must convey this information to each person under his direct supervision in a language that the person understands.
 - (iv) Before entering a treated area, the certified or licensed crop advisor must inform, through an established practice of communication, each person under his/her direct supervision of the pesticide product and active ingredient(s) applied, method of application, time of application, the restricted entry interval which tasks to undertake, and how to contact the crop advisor.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12010, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-12010. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12010, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12015 Restrictions associated with pesticide applications--Standards for workers--40 CFR, § 170.110.

- (1) Farms and forests. During the application of any pesticide on a farm or in a forest, the agricultural employer shall not allow or direct any person, other than an appropriately trained and equipped handler, to enter or to remain in the treated area.
- (2) Nurseries. In a nursery, during any pesticide application described in column A of Table 1 of this section, the agricultural employer shall not allow or direct any person, other than an appropriately trained and equipped handler, to enter or to remain in the area specified in column B of Table 1 of this section. After the application is completed, until the end of any restricted-entry interval, the entry-restricted area is the treated area.

**TABLE 1--ENTRY--RESTRICTED AREAS
IN NURSERIES DURING PESTICIDE APPLICATIONS**

A. During Application of a Pesticide:	B. Workers are Prohibited in:
(1)(a) Applied: <ol style="list-style-type: none"> (i) Aerially, or (ii) In an upward direction, or (iii) Using a spray pressure greater than 150 psi, or (b) Applied as a: <ol style="list-style-type: none"> (i) Fumigant, or (ii) Smoke, or (iii) Mist, or (iv) Fog, or (v) Aerosol. 	Treated area plus 100 feet in all directions on the nursery
(2)(a) Applied downward using: <ol style="list-style-type: none"> (i) A height of greater than 12 inches from the planting medium, or (ii) A fine spray, or (iii) A spray pressure greater than 40 psi and less than 150 psi. (b) Not as in 1 or 2(a) above but for which a respiratory protection device is required for application by the product labeling.	Treated area plus 25 feet in all directions on the nursery
(3) Applied otherwise	Treated area

- (3) Greenhouses.
 - (a) When a pesticide application described in column A of Table 2 under (d) of this subsection takes place in a greenhouse, the agricultural employer shall not allow or direct any person, other than an appropriately trained and equipped handler, to enter or to remain in the area specified in column B of Table 2 until the time specified in column C of Table 2 has expired.
 - (b) After the time specified in column C of Table 2 under (d) of this subsection has expired, until the expiration of any restricted-entry interval, the agricultural employer shall not allow or direct any worker to enter or to remain in the treated area as specified in column D of Table 2 under (d) of this subsection, except as provided in WAC 296-307-12020.

WAC 296-307-12015 (Cont.)

- (c) When column C of Table 2 under (d) of this subsection specifies that ventilation criteria must be met, ventilation shall continue until the air concentration is measured to be equal to or less than the inhalation exposure level the labeling requires to be achieved. If no inhalation exposure level is listed on the labeling, ventilation shall continue until after:
- (i) Ten air exchanges are completed; or
 - (ii) Two hours of ventilation using fans or other mechanical ventilating systems; or
 - (iii) Four hours of ventilation using vents, windows or other passive ventilation; or
 - (iv) Eleven hours with no ventilation followed by one hour of mechanical ventilation; or
 - (v) Eleven hours with no ventilation followed by two hours of passive ventilation; or
 - (vi) Twenty-four hours with no ventilation.
- (d) The following Table 2 applies to (a), (b) and (c) of this subsection.

**TABLE 2.--GREENHOUSE ENTRY RESTRICTIONS
ASSOCIATED WITH PESTICIDE APPLICATIONS**

A. When a pesticide is Applied:	B. Workers are Prohibited in:	Until:	D. After the Expiration of Time in Column C Until the Restricted-Entry Interval Expires, the Entry- Restricted Area is:
(1) As a fumigant	Entire greenhouse plus any adjacent structure that cannot be sealed off from the treated area	The ventilation criteria of (c) of this subsection are met	No entry restrictions after criteria in column C are met
(2) As a: (i) Smoke, or (ii) Mist, or (iii) Fog, or (iv) Aerosol	Entire enclosed area	The ventilation criteria of (c) of this subsection are met	Entire enclosed area in the treated area
(3) Not in 1 or 2 above, and for which a respiratory protection device is required for application by the product labeling	Entire enclosed area	The ventilation criteria of (c) of this subsection are met	Treated area

WAC 296-307-12015 (Cont.)

(4)	Not in 1, 2, or 3 above, and: (i) From a height greater than 12 in. from the planting medium, or (ii) As a fine spray, or (iii) Using a spray pressure greater than 40 psi	Treated area plus 25 feet in all directions in the enclosed area	Application is complete	Treated area
(5)	Otherwise	Treated area	Application is complete	Treated area

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12015, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12015. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12015, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12020 Entry restrictions--Standards for workers--40 CFR, § 170.112.

- (1) General restrictions.
 - (a) After the application of any pesticide on an agricultural establishment, the agricultural employer shall not allow or direct any worker to enter or to remain in the treated area before the restricted-entry interval specified on the pesticide labeling has expired, except as provided in this section.
 - (b) Entry-restricted areas in greenhouses are specified in column D in Table 2 under WAC 296-307-12015 (3)(d).
 - (c) When two or more pesticides are applied at the same time, the restricted-entry interval shall be the longest of the applicable intervals.
 - (d) The agricultural employer shall assure that any worker who enters a treated area under a restricted-entry interval as permitted by subsections (3), (4), and (5) of this section uses the personal protective equipment specified in the product labeling for early entry workers and follows any other requirements on the pesticide labeling regarding early entry.
- (2) Exception for activities with no contact. A worker may enter a treated area during a restricted-entry interval if the agricultural employer assures that both of the following are met:
 - (a) The worker will have no contact with anything that has been treated with the pesticide to which the restricted-entry interval applies, including, but not limited to, soil, water, air, or surfaces of plants; and

WAC 296-307-12020 (Cont.)

- (b) No such entry is allowed until any inhalation exposure level listed in the labeling has been reached or any ventilation criteria established by WAC 296-307-12015 (3)(c) or in the labeling have been met.
- (3) Exception for short-term activities. A worker may enter a treated area during a restricted-entry interval for short-term activities if the agricultural employer assures that the following requirements are met:
 - (a) No hand labor activity is performed.
 - (b) The time in treated areas under a restricted-entry interval for any worker does not exceed one hour in any twenty-four-hour period.
 - (c) No such entry is allowed for the first four hours following the end of the application, and no such entry is allowed thereafter until any inhalation exposure level listed in the labeling has been reached or any ventilation criteria established by WAC 296-307-12015 (3)(c) or in the labeling have been met.
 - (d) The personal protective equipment specified on the product labeling for early entry is provided to the worker. Such personal protective equipment shall conform to the following standards:
 - (i) Personal protective equipment (PPE) means devices and apparel that are worn to protect the body from contact with pesticides or pesticide residues, including, but not limited to, coveralls, chemical-resistant suits, chemical-resistant gloves, chemical-resistant footwear, respiratory protection devices, chemical-resistant aprons, chemical-resistant headgear, and protective eyewear.
 - (ii) Long-sleeved shirts, short-sleeved shirts, long pants, short pants, shoes, socks, and other items of work clothing are not considered personal protective equipment for the purposes of this section and are not subject to the requirements of this section, although pesticide labeling may require that such work clothing be worn during some activities.
 - (iii) When “chemical-resistant” personal protective equipment is specified by the product labeling, it shall be made of material that allows no measurable movement of the pesticide being used through the material during use.
 - (iv) When “waterproof” personal protective equipment is specified by the product labeling, it shall be made of material that allows no measurable movement of water or aqueous solutions through the material during use.
 - (v) When a “chemical-resistant suit” is specified by the product labeling, it shall be a loose-fitting, one-piece or two-piece, chemical-resistant garment that covers, at a minimum, the entire body except head, hands, and feet.
 - (vi) When “coveralls” are specified by the product labeling, they shall be a loose-fitting, one-piece or two-piece garment, such as a cotton or cotton and polyester coverall, that covers, at a minimum, the entire body except head, hands, and feet. The pesticide product labeling may specify that the coveralls be worn over a layer of clothing. If a chemical-resistant suit is substituted for coveralls, it need not be worn over a layer of clothing.
 - (vii) Gloves shall be of the type specified by the product labeling. Gloves or glove linings made of leather, cotton, or other absorbent materials must not be worn for early entry activities unless these materials are listed on the product labeling as acceptable for such

WAC 296-307-12020 (Cont.)

- use. If chemical-resistant gloves with sufficient durability and suppleness are not obtainable for tasks with roses or other plants with sharp thorns, leather gloves may be worn over chemical-resistant liners. However, once leather gloves have been worn for this use, thereafter they shall be worn only with chemical-resistant liners and they shall not be worn for any other use.
- (viii) When “chemical-resistant footwear” is specified by the product labeling, it shall be one of the following types of footwear: Chemical-resistant shoes, chemical-resistant boots, or chemical-resistant shoe coverings worn over shoes or boots. If chemical-resistant footwear with sufficient durability and a tread appropriate for wear in rough terrain is not obtainable for workers, then leather boots may be worn in such terrain.
 - (ix) When “protective eyewear” is specified by the product labeling, it shall be one of the following types of eyewear: Goggles; face shield; safety glasses with front, brow, and temple protection; or a full-face respirator.
 - (x) When “chemical-resistant headgear” is specified by the product labeling, it shall be either a chemical-resistant hood or a chemical-resistant hat with a wide brim.
- (e) The agricultural employer shall assure that the worker, before entering the treated area, either has read the product labeling or has been informed, in a manner that the worker can understand, of all labeling requirements related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safe use.
- (f) The agricultural employer shall assure that:
- (i) Workers wear the personal protective equipment correctly for its intended purpose and use personal protective equipment according to manufacturer’s instructions.
 - (ii) Before each day of use, all personal protective equipment is inspected for leaks, holes, tears, or worn places, and any damaged equipment is repaired or discarded.
 - (iii) Personal protective equipment that cannot be cleaned properly is disposed of in accordance with any applicable federal, state, and local regulations.
 - (iv) All personal protective equipment is cleaned according to manufacturer’s instructions or pesticide product labeling instructions before each day of reuse. In the absence of any such instructions, it shall be washed thoroughly in detergent and hot water.
 - (v) Before being stored, all clean personal protective equipment is dried thoroughly or is put in a well-ventilated place to dry.
 - (vi) Personal protective equipment contaminated with pesticides is kept separately and washed separately from any other clothing or laundry.
 - (vii) Any person who cleans or launders personal protective equipment is informed that such equipment may be contaminated with pesticides, of the potentially harmful effects of exposure to pesticides, and of the correct way(s) to handle and clean personal protective equipment and to protect themselves when handling equipment contaminated with pesticides.

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- (viii) All clean personal protective equipment is stored separately from personal clothing and apart from pesticide-contaminated areas.
 - (ix) Each worker is instructed how to put on, use, and remove the personal protective equipment and is informed about the importance of washing thoroughly after removing personal protective equipment.
 - (x) Each worker is instructed in the prevention, recognition, and first aid treatment of heat-related illness.
 - (xi) Workers have a clean place(s) away from pesticide-storage and pesticide-use areas for storing personal clothing not in use; putting on personal protective equipment at the start of any exposure period; and removing personal protective equipment at the end of any exposure period.
- (g) When personal protective equipment is required by the labeling of any pesticide for early entry, the agricultural employer shall assure that no worker is allowed or directed to perform the early entry activity without implementing, when appropriate, measures to prevent heat-related illness.
- (h) During any early entry activity, the agricultural employer shall provide a decontamination site in accordance with WAC 296-307-12050.
 - (i) The agricultural employer shall not allow or direct any worker to wear home or to take home personal protective equipment contaminated with pesticides.
- (4) Declaration of an agricultural emergency.
 - (a) The director of the Washington state department of agriculture may declare the existence of circumstances causing an agricultural emergency on a particular establishment or establishments.
 - (b) The director may declare an agricultural emergency based on the reasonably expected certainty of circumstances occurring based on weather or other forecasts that would create conditions that would normally be anticipated to cause an agricultural emergency.
 - (c) The agricultural employer may determine if the establishment under his/her control is subject to the agricultural emergency declared by the director.
 - (d) Emergency repair of equipment that is in use and sited within a pesticide treated area under a restricted-entry interval, such as frost protection devices, shall be considered to be an agricultural emergency. The conditions in WAC 16-228-655 shall be met.
 - (e) Activities that require immediate response such as fire suppression, relocation of greenhouse plants due to power failure, and similar conditions, shall be considered to be agricultural emergencies. The conditions in WAC 16-228-655 shall be met.
- (5) Agricultural activities permitted under an agricultural emergency.
 - (a) A worker may enter a pesticide treated area under a restricted-entry interval in an agricultural emergency to perform tasks, including hand labor tasks, necessary to mitigate the effects of the agricultural emergency if the agricultural employer assures that all the following requirements are met:

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- (i) No entry is permitted for the first four hours after the pesticide application or the minimum reentry interval allowed by EPA for that product, whichever is less;
 - (ii) The personal protective equipment specified on the product labeling for early entry is provided to the worker;
 - (iii) The agricultural employer shall assure that the worker, before entering the treated area, either has read the product labeling or has been informed, in a manner the worker can understand, of all labeling requirements related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safe use;
 - (iv) The agricultural employer shall assure that the worker wears the proper PPE and that the PPE is in operable condition and that the worker has been trained in its proper use;
 - (v) The agricultural employer shall assure that measures have been taken, when appropriate, to prevent heat-related illness;
 - (vi) A decontamination site has been provided in accordance with EPA regulations;
 - (vii) The agricultural employer shall not allow or direct any worker to wear home or take home personal protective equipment contaminated with pesticides.
 - (b) If the agricultural emergency is due to equipment failure, then the agricultural employer shall assure that all the requirements in subsection (1) of this section are met plus the following additional requirement. The only permitted activity until the restricted-entry interval has elapsed is equipment repair that would mitigate the effect of the equipment failure.
- (6) Recordkeeping required for agricultural emergencies.
- (a) If the employer declares that his/her establishment is affected by an agricultural emergency and that activities regulated by the worker protection standard have been performed, the employer shall keep the following records for seven years from the date of the agricultural emergency:
 - (i) Date of the agricultural emergency;
 - (ii) Time of the agricultural emergency, start and end;
 - (iii) Reason for the agricultural emergency, such as frost, fire, equipment failure, etc.;
 - (iv) Crop/site;
 - (v) Pesticide(s) - name, EPA number, REI;
 - (vi) Name, date, time of entry and exit of early entry person(s);
 - (vii) Estimated potential of economic loss which would have occurred had no early entry been allowed.
 - (b) Records shall be completed within twenty-four hours of the early entry exposure and be available to the department and/or department of health and/or medical facility or treating physician if requested by the above or the employee.

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- (7) Exception to entry restrictions requiring EPA approval. EPA may in accordance with 40 CFR, Part 170.112(e) grant an exception from the requirements of this section. A request for an exception must be submitted to the Director, Office of Pesticide Programs (H-7501C), Environmental Protection Agency, 401 "M" Street SW, Washington, DC 20460 and must be accompanied by two copies of the information specified in 40 CFR, Part 170.112(e).

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12020, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12020. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12020, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12025 Notice of applications--Standards for workers--40 CFR, § 170.120.

- (1) Notification to workers of pesticide applications in greenhouses. The agricultural employer shall notify workers of any pesticide application in the greenhouse in accordance with this subsection.
- (a) All pesticide applications shall be posted in accordance with subsection (3) of this section.
 - (b) If the pesticide product labeling has a statement requiring both the posting of treated areas and oral notification to workers, the agricultural employer shall also provide oral notification of the application to the worker in accordance with subsection (4) of this section.
 - (c) Notice need not be given to a worker if the agricultural employer can assure that one of the following is met:
 - (i) From the start of the application until the end of the application and during any restricted-entry interval, the worker will not enter, work in, remain in, or pass through the greenhouse; or
 - (ii) The worker applied (or supervised the application of) the pesticide for which the notice is intended and is aware of all information required by subsection (4)(a) through (c) of this section.
- (2) Notification to workers on farms, in nurseries, or in forests of pesticide applications. The agricultural employer shall notify workers of any pesticide application on the farm or in the nursery or forest in accordance with this subsection.
- (a) If the pesticide product labeling has a statement requiring both the posting of treated areas and oral notification to workers, the agricultural employer shall post signs in accordance with subsection (3) of this section and shall provide oral notification of the application to the worker in accordance with subsection (4) of this section.
 - (b) For any pesticide other than those for which the labeling requires both posting and oral notification of applications, the agricultural employer shall give notice of the application to the worker either by the posting of warning signs in accordance with subsection (3) of this section or orally in accordance with subsection (4) of this section, and shall inform the workers as to which method of notification is in effect.
 - (c) Notice need not be given to a worker if the agricultural employer can assure that one of the following is met:
 - (i) From the start of the application until the end of the application and during any restricted-entry interval, the worker will not enter, work in, remain in, or pass through on foot the treated area or any area within one-quarter mile of the treated area; or

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- (ii) The worker applied (or supervised the application of) the pesticide for which the notice is intended and is aware of all information required by subsection (4)(a) through (c) of this section.
- (3) Posted warning signs. The agricultural employer shall post warning signs in accordance with the following criteria:
 - (a) The warning sign shall have a background color that contrasts with red. The words “DANGER” and “PELIGRO,” plus “PESTICIDES” and “PESTICIDAS,” shall be at the top of the sign, and the words “KEEP OUT” and “NO ENTRE” shall be at the bottom of the sign. Letters for all words must be clearly legible. A circle containing an upraised hand on the left and a stern face on the right must be near the center of the sign. The inside of the circle must be red, except that the hand and a large portion of the face must be in a shade that contrasts with red. The length of the hand must be at least twice the height of the smallest letters. The length of the face must be only slightly smaller than the hand. Additional information such as the name of the pesticide and the date of application may appear on the warning sign if it does not detract from the appearance of the sign or change the meaning of the required information. A black and white example of a warning sign meeting these requirements, other than the size requirements, follows:



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- (b) The standard sign shall be at least fourteen inches by sixteen inches with letters at least one inch in height. Farms and forests shall use the standard size sign unless a smaller sign is necessary because the treated area is too small to accommodate a sign of this size. In nurseries and greenhouses, the agricultural employer may, at any time, use a sign smaller than the standard size sign. Whenever a small sign is used on any establishment, there are specific posting distances depending on the size of the lettering and symbol on the sign. If a sign is used with DANGER and PELIGRO in letters at least 7/8 inch in height and the remaining letters at least 1/2 inch and a red circle at least three inches in diameter containing an upraised hand and a stern face, the signs shall be no further than fifty feet apart. If a sign is used with DANGER and PELIGRO in letters at least 7/16 inch in height and the remaining letters at least 1/4 inch in height and a red circle at least 1 1/2 inches in diameter containing an upraised hand and stern face, the signs shall be no further than twenty-five feet apart. A sign with DANGER and PELIGRO in letters less than 7/16 inch in height or with any words in letters less than 1/4 inch in height, or a red circle smaller than 1 1/2 inches in diameter containing an upraised hand and a stern face will not satisfy the requirements of the rule. All signs must meet the requirements of (a) of this subsection.
 - (c) The employer may replace the Spanish portion of the warning sign with a non-English language read by the largest group of workers who do not read English. The replacement sign must be in the same format as the original sign and must be visible and legible.
 - (d) On farms and in forests and nurseries, the signs shall be visible from all usual points of worker entry to the treated area, including at least each access road, each border with any labor camp adjacent to the treated area, and each footpath and other walking route that enters the treated area. When there are no usual points of worker entry, signs shall be posted in the corners of the treated area or in any other location affording maximum visibility.
 - (e) In greenhouses, the signs shall be posted so they are visible from all usual points of worker entry to the treated area including each aisle or other walking route that enters the treated area. When there are no usual points of worker entry to the treated area, signs shall be posted in the corners of the treated area or in any other location affording maximum visibility.
 - (f) The signs shall:
 - (i) Be posted no sooner than twenty-four hours before the scheduled application of the pesticide.
 - (ii) Remain posted throughout the application and any restricted-entry interval.
 - (iii) Be removed within three days after the end of the application and any restricted-entry interval and before agricultural-worker entry is permitted, other than entry permitted by WAC 296-307-12020.
 - (g) The signs shall remain visible and legible during the time they are posted.
 - (h) When several contiguous areas are to be treated with pesticides on a rotating or sequential basis, the entire area may be posted. Worker entry, other than entry permitted by WAC 296-307-12020, is prohibited for the entire area while the signs are posted.
- (4) Oral warnings. The agricultural employer shall provide oral warnings to workers in a manner that the worker can understand. If a worker will be on the premises during the application, the warning shall be given before the application takes place. Otherwise, the warning shall be given at the beginning of the worker's first work period during which the application is taking place or the restricted-entry interval for the pesticide is in effect. The warning shall consist of:

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- (a) The location and description of the treated area.
- (b) The time during which entry is restricted.
- (c) Instructions not to enter the treated area until the restricted-entry interval has expired.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12025, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12025. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12025, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12030 Providing specific information about applications--Standards for workers--40 CFR, § 170.122.

When workers are on an agricultural establishment and, within the last thirty days, a pesticide covered by this part has been applied on the establishment or a restricted-entry interval has been in effect, the agricultural employer shall display, in accordance with this section, specific information about the pesticide.

- (1) Location, accessibility, and legibility. The information shall be displayed in the location specified for the pesticide safety poster in WAC 296-307-12045(4) and shall be accessible and legible, as specified in WAC 296-307-12045 (4) and (6).
- (2) Timing.
 - (a) If warning signs are posted for the treated area before an application, the specific application information for that application shall be posted at the same time or earlier.
 - (b) The information shall be posted before the application takes place, if workers will be on the establishment during application. Otherwise, the information shall be posted at the beginning of any worker's first work period.
 - (c) The information shall continue to be displayed for at least thirty days after the end of the restricted-entry interval (or, if there is no restricted-entry interval, for at least thirty days after the end of the application) or at least until workers are no longer on the establishment, whichever is earlier.
- (3) Required information. The information shall include:
 - (a) The location and description of the treated area.
 - (b) The product name, EPA registration number, and active ingredient(s) of the pesticide.
 - (c) The time and date the pesticide is to be applied.
 - (d) The restricted-entry interval for the pesticide.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12030, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12030. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12030, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12035 Notice of applications to handler employers--Standards for workers--40 CFR, § 170.124.

Whenever handlers who are employed by a commercial pesticide handling establishment will be performing pesticide handling tasks on an agricultural establishment, the agricultural employer shall provide to the handler employer, or assure that the handler employer is aware of, the following information concerning any areas on the agricultural establishment that the handler may be in (or may walk within one-quarter mile of) and that may be treated with a pesticide or that may be under a restricted-entry interval while the handler will be on the agricultural establishment:

WAC 296-307-12035 (Cont.)

(1) Specific location and description of any such areas; and

(2) Restrictions on entering those areas.

[Recodified as § 296-307-12035. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-08, § 296-306A-12035, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12040 Pesticide safety training--Standards for workers--40 CFR, § 170.130.

(1) General requirement.

- (a) Agricultural employer assurance. The agricultural employer shall assure that each worker, required by this section to be trained, has been trained according to this section during the last five years, counting from the end of the month in which the training was completed.

Note: In addition to the training required by this section, the agricultural employer shall assure without exception, that all employees are trained in accordance with WAC 296-307-550, Employer chemical hazard communication.

- (b) Requirement for workers performing early entry activities. Before a worker enters a treated area on the agricultural establishment during a restricted-entry interval to perform early entry activities permitted by WAC 296-307-12020 and contacts anything that has been treated with the pesticide to which the restricted-entry interval applies, including but not limited to, soil, water, or surfaces of plants, the agricultural employer shall assure that the worker has been trained.

(c) Requirements for other agricultural workers.

- (i) Information before entry. Except as provided in (b) of this subsection, before a worker enters any areas on the agricultural establishment where, within the last thirty days a pesticide to which this part applies has been applied or the restricted-entry interval for such pesticide has been in effect, the agricultural employer shall assure that the worker has been provided the pesticide safety information specified in subsection (3) of this section, in a manner that agricultural workers can understand, such as by providing written materials or oral communication or by other means. The agricultural employer must be able to verify compliance with this requirement.
- (ii) Training before the start of a work period. The agricultural employer shall assure that a worker has been trained before the worker enters any areas on the agricultural establishment where, within the last thirty days a pesticide to which this chapter applies has been applied or a restricted-entry interval for such pesticide has been in effect, the agricultural employer shall assure that the worker has been trained.

(2) Exceptions. The following persons need not be trained under this section:

- (a) A worker who is currently certified as an applicator of restricted-use pesticides under chapter 17.21 RCW.
- (b) A worker who satisfies the training requirements of chapter 17.21 RCW.
- (c) A worker who satisfies the handler training requirements of WAC 296-307-13025(3).
- (d) A worker who is certified or licensed as a crop advisor by the Washington state department of agriculture under RCW 15.58.230: *Provided*, That a requirement for such certification or licensing is pesticide safety training that includes all the information set out in WAC 296-307-13025 (3)(d).

WAC 296-307-12040 (Cont.)

- (3) Training programs.
- (a) General pesticide safety information shall be presented to workers either orally from written materials or audiovisually. The information must be presented in a manner that the workers can understand (such as through a translator) using nontechnical terms. The presenter also shall respond to workers' questions.
- (b) The person who conducts the training shall meet at least one of the following criteria:
- (i) Be currently certified as an applicator of restricted-use pesticides under chapter 17.21 RCW; or
- (ii) Be currently designated as a trainer of certified applicators or pesticide handlers by the Washington state department of agriculture in accordance with chapters 15.58 and 17.21 RCW; or
- (iii) Have completed a pesticide safety train-the-trainer program approved by the Washington state department of agriculture in accordance with chapters 15.58 and 17.21 RCW; or
- (iv) Satisfy the training requirements in WAC 296-307-13025(3).
- (c) Any person who issues a Washington state department of agriculture-approved Worker Protection Standard worker training card must assure that the worker who receives the training card has been trained in accordance with subsection (4)(d) of this section.
- (d) The training materials shall convey, at a minimum, the following information:
- (i) Where and in what form pesticides may be encountered during work activities.
- (ii) Hazards of pesticides resulting from toxicity and exposure, including acute and chronic effects, delayed effects, and sensitization.
- (iii) Routes through which pesticides can enter the body, including information on wearing work clothing that protects the body from pesticide residues.
- (iv) Signs and symptoms of common types of pesticide poisoning.
- (v) Emergency first aid for pesticide injuries or poisonings.
- (vi) How to obtain emergency medical care.
- (vii) Routine and emergency decontamination procedures, including preventing pesticides from entering the body by:
- emergency eyeflushing techniques;
 - washing work clothes separately from other clothes before wearing them again;
 - washing before eating, drinking, using chewing gum or tobacco, or using the toilet;
 - washing/showering with soap and water, shampooing hair, and putting on clean clothes after work; and

WAC 296-306-12040 (Cont.)

- washing immediately in the nearest clean water if pesticides are spilled on the body. As soon as possible shower, shampoo, and change into clean clothes.
 - (viii) Hazards from chemigation and drift.
 - (ix) Hazards from pesticide residues on clothing.
 - (x) Warnings about taking pesticides or pesticide containers home.
 - (xi) Requirements of this part designed to reduce the risks of illness or injury resulting from workers' occupational exposure to pesticides, including application and entry restrictions, the design of the warning sign, posting of warning signs, oral warnings, the availability of specific information about applications, and the protection against retaliatory acts.
- (4) Verification of training.
- (a) Except as provided in subsection (4)(b) of this section, if the agricultural employer assures that a worker possesses a Washington state department of agriculture-approved Worker Protection Standard worker training card, then the requirements of subsection (1) of this section will have been met.
 - (b) If the agricultural employer is aware or has reason to know that a Washington state department of agriculture-approved Worker Protection Standard worker training card has not been issued in accordance with this section, or has not been issued to the worker bearing the card, or the training was completed more than five years before the beginning of the current month, a worker's possession of that certificate does not meet the requirements of subsection (1) of this section.

[Statutory Authority: RCW 49.17.010, .040, .050. 00-17-033 (Order 01-14), § 296-307-12040, filed 08/08/01, effective 09/01/01.
Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12040, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12040. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12040, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12045 Posted pesticide safety information--Standards for workers--40 CFR, § 170.135.

- (1) Requirement. When workers are on an agricultural establishment and, within the last thirty days, a pesticide covered by this part has been applied on the establishment or a restricted-entry interval has been in effect, the agricultural employer shall display, in accordance with this section, pesticide safety information.
- (2) Pesticide safety poster. A safety poster must be displayed that conveys, at a minimum, the following basic pesticide safety concepts:
- (a) Help keep pesticides from entering your body. At a minimum, the following points shall be conveyed:
 - (i) Avoid getting on your skin or into your body any pesticides that may be on plants and soil, in irrigation water, or drifting from nearby applications.
 - (ii) Wash before eating, drinking, using chewing gum or tobacco, or using the toilet.
 - (iii) Wear work clothing that protects the body from pesticide residues (long-sleeved shirts, long pants, shoes and socks, and a hat or scarf).

WAC 296-307-12045 (Cont.)

- (iv) Wash/shower with soap and water, shampoo hair, and put on clean clothes after work.
 - (v) Wash work clothes separately from other clothes before wearing them again.
 - (vi) Wash immediately in the nearest clean water if pesticides are spilled or sprayed on the body. As soon as possible, shower, shampoo, and change into clean clothes.
 - (vii) Follow directions about keeping out of treated or restricted areas.
 - (b) There are federal rules to protect workers and handlers, including a requirement for safety training.
 - (3) Emergency medical care information.
 - (a) The name, address, and telephone number of the nearest emergency medical care facility shall be on the safety poster or displayed close to the safety poster.
 - (b) The agricultural employer shall inform workers promptly of any change to the information on emergency medical care facilities.
 - (4) Location.
 - (a) The information shall be displayed in a central location on the farm or in the nursery or greenhouse where it can be readily seen and read by workers.
 - (b) The information shall be displayed in a location in or near the forest in a place where it can be readily seen and read by workers and where workers are likely to congregate or pass by, such as at a decontamination site or an equipment storage site.
 - (5) Accessibility. Workers shall be informed of the location of the information and shall be allowed access to it.
 - (6) Legibility. The information shall remain legible during the time it is posted.
- [Recodified as § 296-307-12045. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12045, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12050 Decontamination--Standards for workers--40 CFR, § 170.150.

- (1) Requirements. The agricultural employer must provide decontamination supplies for workers in accordance with this section whenever:
 - (a) Any worker on the agricultural establishment is performing an activity in the area where a pesticide was applied or a restricted-entry interval (REI) was in effect within the last thirty days; and
 - (b) The worker contacts anything that has been treated with the pesticide including but not limited to soil, water, plants, plant surfaces, and plant parts;
 - (c) *Exception.* The thirty-day time period established in (a) of this subsection shall not apply if the only pesticides used in the treated area are products with an REI of four hours or less on the label (but not a product without an REI on the label). When workers are in such treated areas, the agricultural employer shall provide decontamination supplies for not less than seven days following the expiration of any applicable REI.

WAC 296-307-12050 (Cont.)

- (2) General conditions.
- (a) The agricultural employer shall provide workers with adequate water for routine washing and emergency eyeflushing. At all times when the water is available to workers, the employer shall assure that it is of a quality and temperature that will not cause illness or injury when it contacts the skin or eyes or if it is swallowed.
 - (b) When water stored in a tank is to be used for mixing pesticides, it shall not be used for decontamination or eyeflushing, unless the tank is equipped with properly functioning valves or other mechanisms that prevent movement of pesticides into the tank.
 - (c) The agricultural employer shall provide soap and single-use towels in quantities sufficient to meet workers' needs.
 - (d) To provide for emergency eyeflushing, the agricultural employer shall assure that at least one pint of water is immediately available to each worker who is performing early entry activities permitted by WAC 296-307-12020 and for which the pesticide labeling requires protective eyewear. The eyeflush water shall be carried by the early entry worker, or shall be on the vehicle the early entry worker is using, or shall be otherwise immediately accessible.
- (3) Location.
- (a) The decontamination supplies shall be located together and shall be reasonably accessible to and not more than one-quarter mile from where workers are working.
 - (b) For worker activities performed more than one-quarter mile from the nearest place of vehicular access:
 - (i) The soap, single-use towels, and water may be at the nearest place of vehicular access.
 - (ii) The agricultural employer may permit workers to use clean water from springs, streams, lakes, or other sources for decontamination at the remote work site, if such water is more accessible than the water located at the nearest place of vehicular access.
 - (c) The decontamination supplies shall not be in an area being treated with pesticides.
 - (d) The decontamination supplies shall not be maintained in an area that is under a restricted-entry interval, unless the workers for whom the decontamination supplies are provided are performing early entry activities permitted by WAC 296-307-12020 and involving contact with treated surfaces and the decontamination supplies would otherwise not be reasonably accessible to those workers.
- (4) Decontamination after early entry activities. At the end of any exposure period for workers engaged in early entry activities permitted by WAC 296-307-12020 and involving contact with anything that has been treated with the pesticide to which the restricted-entry interval applies, including, but not limited to, soil, water, air, or surfaces of plants, the agricultural employer shall provide, at the site where the workers remove personal protective equipment, soap, clean towels, and a adequate amount of water so that the workers may wash thoroughly. At least ten gallons of water for one employee and twenty gallons of water for two or more employees shall be provided at early entry sites that do not have running water.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-12050, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-12050. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12050, filed 9/30/96, effective 11/1/96.]

WAC 296-307-12055 Emergency assistance--Standards for workers--40 CFR, § 170.160. If there is reason to believe that a person who is or has been employed on an agricultural establishment to perform tasks related to the production of agricultural plants has been poisoned or injured by exposure to pesticides used on the agricultural establishment, including, but not limited to, exposures from application, splash, spill, drift, or pesticide residues, the agricultural employer shall:

- (1) Make available to that person prompt transportation from the agricultural establishment, including any labor camp on the agricultural establishment, to an appropriate emergency medical facility.
- (2) Provide to that person or to treating medical personnel, promptly upon request, any obtainable information on:
 - (a) Product name, EPA registration number, and active ingredients of any product to which that person might have been exposed.
 - (b) Antidote, first aid, and other medical information from the product labeling.
 - (c) The circumstances of application or use of the pesticide on the agricultural establishment.
 - (d) The circumstances of exposure of that person to the pesticide.

[Recodified as § 296-307-12055. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-12055, filed 9/30/96, effective 11/1/96.]

STANDARD FOR PESTICIDE HANDLERS

WAC 296-307-130 Applicability of this section--Standards for pesticide handlers--40 CFR, § 170.202.

- (1) Requirement. Except as provided by subsection (2) of this section, WAC 296-307-130 applies when any pesticide is handled for use on an agricultural establishment.
- (2) Exceptions. WAC 296-307-130 does not apply when any pesticide is handled for use on an agricultural establishment in the following circumstances:
 - (a) For mosquito abatement, Mediterranean fruit fly eradication, or similar wide-area public pest control programs sponsored by governmental entities.
 - (b) On livestock or other animals, or in or about animal premises.
 - (c) On plants grown for other than commercial or research purposes, which may include plants in habitations, home fruit and vegetable gardens, and home greenhouses.
 - (d) On plants that are in ornamental gardens, parks, and public or private lawns and grounds and that are intended only for aesthetic purposes or climatic modification.
 - (e) In a manner not directly related to the production of agricultural plants, including, but not limited to, structural pest control, control of vegetation along rights-of-way and in other noncrop areas, and pasture and rangeland use.
 - (f) For control of vertebrate pests.
 - (g) As attractants or repellents in traps.
 - (h) On the harvested portions of agricultural plants or on harvested timber.

WAC 296-307-130 (Cont.)

- (i) For research uses of unregistered pesticides.
- (j) Exemptions. Except as provided by WAC 296-307-130 and 296-307-13005, WAC 296-307-130 applies when a pesticide is handled for an agricultural establishment.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-130, filed 12/01/98, effective 03/01/99.
[Recodified as § 296-307-130. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-130, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13005 Exemptions--Standards for handlers--40 CFR, § 170.204. The handlers listed in this section are exempt from the specified provisions of this part.

- (1) Owners of agricultural establishments.
 - (a) The owner of an agricultural establishment is not required to provide to himself or members of his immediate family who are performing handling tasks on their own agricultural establishment the protections of:
 - (i) WAC 296-307-13010 (2) and (3).
 - (ii) WAC 296-307-13015.
 - (iii) WAC 296-307-13025.
 - (iv) WAC 296-307-13030.
 - (v) WAC 296-307-13035.
 - (vi) WAC 296-307-13040.
 - (vii) WAC 296-307-13045 (5) through (7).
 - (viii) WAC 296-307-13050.
 - (ix) WAC 296-307-13055.
 - (b) The owner of the agricultural establishment must provide the protections listed in subsection (1)(a)(i) through (ix) of this section to other handlers and other persons who are not members of his immediate family.
- (2) Crop advisors.
 - (a) Provided that the conditions of (b) of this subsection are met, a person who is certified or licensed as a crop advisor by the Washington state department of agriculture under RCW 15.58.230, and persons performing crop advising tasks under such qualified crop advisor's direct supervision, are exempt from the provisions of:
 - (i) WAC 296-307-13030.
 - (ii) WAC 296-307-13045.

WAC 296-307-13005 (Cont.)

(iii) WAC 296-307-13050.

(iv) WAC 296-307-13055.

A person is under the direct supervision of a crop advisor when the crop advisor exerts the supervisory controls set out in (b)(iv) and (v) of this subsection. Direct supervision does not require that the crop advisor be physically present at all times, but the crop advisor must be readily accessible to the employees at all times.

(b) Conditions of exemption.

(i) The certification or licensing program requires pesticide safety training that includes, at least, all the information in WAC 296-307-13025 (3)(d).

(ii) No entry into the treated area occurs until after application ends.

(iii) Applies only when performing crop advising tasks in the treated area.

(iv) The crop advisor must make specific determinations regarding the appropriate PPE, appropriate decontamination supplies, and how to conduct the tasks safely. The crop advisor must convey this information to each person under his direct supervision in a language that the person understands.

(v) Before entering a treated area, the certified or licensed crop advisor must inform, through an established practice of communication, each person under his direct supervision of the pesticide products and active ingredient(s) applied, method of application, time of application, the restricted-entry interval, which tasks to undertake, and how to contact the crop advisor.

(c) Applies only when the persons are performing crop advising tasks in the treated area.

(d) The crop advisor must make specific determinations regarding the appropriate PPE, appropriate decontamination supplies, and how to conduct the tasks safely. The crop advisor must convey this information to each person under his direct supervision in a language that the person understands.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-13005, filed 12/01/98, effective 03/01/99.

[Recodified as § 296-307-13005. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13005, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13010 Restrictions during applications--Standards for pesticide handlers--40 CFR, § 170.210.

- (1) Contact with workers and other persons. The handler employer and the handler shall assure that no pesticide is applied so as to contact, either directly or through drift, any worker or other person, other than an appropriately trained and equipped handler.
- (2) Handlers handling highly toxic pesticides. The handler employer shall assure that any handler who is performing any handling activity with a product that has the skull and crossbones symbol on the front panel of the label is monitored visually or by voice communication at least every two hours.
- (3) Fumigant applications in greenhouses. The handler employer shall assure:

WAC 296-307-13010 (Cont.)

- (a) That any handler who handles a fumigant in a greenhouse, including a handler who enters the greenhouse before the acceptable inhalation exposure level or ventilation criteria have been met to monitor air levels or to initiate ventilation, maintains continuous visual or voice contact with another handler.
- (b) That the other handler has immediate access to the personal protective equipment required by the fumigant labeling for handlers in the event entry into the fumigated greenhouse becomes necessary for rescue.

[Recodified as § 296-307-13010. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13010, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13015 Providing specific information about applications--Standards for pesticide handlers--40 CFR, § 170.222. When handlers (except those employed by a commercial pesticide handling establishment) are on an agricultural establishment and, within the last thirty days, a pesticide covered by this part has been applied on the establishment or a restricted-entry interval has been in effect, the handler employer shall display, in accordance with this section, specific information about the pesticide.

- (1) Location, accessibility, and legibility. The information shall be displayed in the same location specified for the pesticide safety poster in WAC 296-307-13040(4) and shall be accessible and legible, as specified in WAC 296-307-13040 (5) and (6).
- (2) Timing.
 - (a) If warning signs are posted for the treated area before an application, the specific application information for that application shall be posted at the same time or earlier.
 - (b) The information shall be posted before the application takes place, if handlers (except those employed by a commercial pesticide handling establishment) will be on the establishment during application. Otherwise, the information shall be posted at the beginning of any such handler's first work period.
 - (c) The information shall continue to be displayed for at least thirty days after the end of the restricted-entry interval (or, if there is no restricted-entry interval, for at least thirty days after the end of the application) or at least until the handlers are no longer on the establishment, whichever is earlier.
- (3) Required information. The information shall include:
 - (a) The location and description of the treated area.
 - (b) The product name, EPA registration number, and active ingredient(s) of the pesticide.
 - (c) The time and date the pesticide is to be applied.
 - (d) The restricted-entry interval for the pesticide.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-13015, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-13015. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13015, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13020 Notice of applications to agricultural employers--Standards for pesticide handlers--40 CFR, § 170.224.

Before the application of any pesticide on or in an agricultural establishment, the handler employer shall provide the following information to any agricultural employer for the establishment or shall assure that any agricultural employer is aware of:

- (1) Specific location and description of the treated area.
- (2) Time and date of application.
- (3) Product name, EPA registration number, and active ingredient(s).
- (4) Restricted-entry interval.
- (5) Whether posting and oral notification are required.
- (6) Any other product-specific requirements on the product labeling concerning protection of workers or other persons during or after application.

[Recodified as § 296-307-13020. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13020, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13025 Pesticide safety training--Standards for pesticide handlers--40 CFR, § 170.230.

- (1) Requirement. Before any handler performs any handling task, the handler employer shall assure that the handler has been trained in accordance with this section during the last five years, counting from the end of the month in which the training was completed.

Note: In addition to the training required by this section, the agricultural employer shall assure, without exception, that all employees are trained in accordance with WAC 296-307-550, Employer chemical hazard communication.

- (2) Exceptions. The following persons need not be trained under this section:
 - (a) A handler who is currently certified as an applicator of restricted-use pesticides under chapter 17.21 RCW.
 - (b) A handler who is certified or licensed as a crop advisor by the Washington state department of agriculture under RCW 15.58.230: *Provided*, That a requirement for such certification or licensing is pesticide safety training that includes all the information set out in WAC 296-307-13025 (3)(d).
- (3) Training programs.
 - (a) General pesticide safety information shall be presented to handlers either orally from written materials or audiovisually. The information must be presented in a manner that the handlers can understand (such as through a translator). The presenter also shall respond to handlers' questions.
 - (b) The person who conducts the training shall meet at least one of the following criteria:
 - (i) Be currently certified as an applicator of restricted-use pesticides under chapter 17.21 RCW; or
 - (ii) Be currently designated as a trainer of certified applicators or pesticide handlers by the Washington state department of agriculture under chapters 15.58 or 17.21 RCW; or

WAC 296-307-13025 (Cont.)

- (iii) Have completed a pesticide safety train-the-trainer program approved by a state, federal, or tribal agency having jurisdiction.
 - (c) Any person who issues a Washington state department of agriculture-approved Worker Protection Standard handler training card must assure that the handler who receives the training card has been trained in accordance with (d) of this subsection.
 - (d) The pesticide safety training materials must convey, at a minimum, the following information:
 - (i) Format and meaning of information contained on pesticide labels and in labeling, including safety information such as precautionary statements about human health hazards.
 - (ii) Hazards of pesticides resulting from toxicity and exposure, including acute and chronic effects, delayed effects, and sensitization.
 - (iii) Routes by which pesticides can enter the body.
 - (iv) Signs and symptoms of common types of pesticide poisoning.
 - (v) Emergency first aid for pesticide injuries or poisonings.
 - (vi) How to obtain emergency medical care.
 - (vii) Routine and emergency decontamination procedures.
 - (viii) Need for and appropriate use of personal protective equipment.
 - (ix) Prevention, recognition, and first-aid treatment of heat-related illness.
 - (x) Safety requirements for handling, transporting, storing, and disposing of pesticides, including general procedures for spill cleanup.
 - (xi) Environmental concerns such as drift, runoff, and wildlife hazards.
 - (xii) Warnings about taking pesticides or pesticide containers home.
 - (xiii) Requirements of this part that must be followed by handler employers for the protection of handlers and other persons, including the prohibition against applying pesticides in a manner that will cause contact with workers or other persons, the requirement to use personal protective equipment, the provisions for training and decontamination, and the protection against retaliatory acts.
- (4) Verification of training.
 - (a) Except as provided in (b) of this subsection, if the handler employer assures that a handler possesses a Washington state department of agriculture-approved Worker Protection Standard handler training card, then the requirements of subsection (1) of this section will have been met.

WAC 296-307-13025 (Cont.)

- (b) If the handler employer is aware or has reason to know that a Washington state department of agriculture-approved Worker Protection Standard handler training card has not been issued in accordance with this section, or has not been issued to the handler bearing the card, or the handler training was completed more than five years before the beginning of the current month, a handler's possession of that card does not meet the requirements of subsection (1) of this section.

[Statutory Authority: RCW 49.17.010, .040, .050. 00-17-033 (Order 01-14), § 296-307-13025, filed 08/08/01, effective 09/01/01. Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-13025, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-13025. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13025, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13030 Knowledge of labeling and site-specific information--Standards for pesticide handlers--40 CFR, § 170.232.

- (1) Knowledge of labeling information.
- (a) The handler employer shall assure that before the handler performs any handling activity, the handler either has read the product labeling or has been informed in a manner the handler can understand of all labeling requirements related to safe use of the pesticide, such as signal words, human hazard precautions, personal protective equipment requirements, first-aid instructions, environmental precautions, and any additional precautions pertaining to the handling activity to be performed.
- (b) The handler employer shall assure that the handler has access to the product labeling information during handling activities.
- (2) Knowledge of site-specific information. Whenever a handler who is employed by a commercial pesticide handling establishment will be performing pesticide handling tasks on an agricultural establishment, the handler employer shall assure that the handler is aware of the following information concerning any areas on the agricultural establishment that the handler may be in (or may walk within one-quarter mile of) and that may be treated with a pesticide or that may be under a restricted-entry interval while the handler will be on the agricultural establishment:
- (a) Specific location and description of any such areas; and
- (b) Restrictions on entering those areas.

[Recodified as § 296-307-13030. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13030, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13035 Safe operation of equipment--Standards for pesticide handlers--40 CFR, § 170.234.

- (1) The handler employer shall assure that before the handler uses any equipment for mixing, loading, transferring, or applying pesticides, the handler is instructed in the safe operation of such equipment, including, when relevant, chemigation safety requirements and drift avoidance.
- (2) The handler employer shall assure that, before each day of use, equipment used for mixing, loading, transferring, or applying pesticides is inspected for leaks, clogging, and worn or damaged parts, and any damaged equipment is repaired or is replaced.

WAC 296-307-13035 (Cont.)

- (3) Before allowing any person to repair, clean, or adjust equipment that has been used to mix, load, transfer, or apply pesticides, the handler employer shall assure that pesticide residues have been removed from the equipment, unless the person doing the cleaning, repairing, or adjusting is a handler employed by the agricultural or commercial pesticide handling establishment. If pesticide residue removal is not feasible, the handler employer shall assure that the person who repairs, cleans, or adjusts such equipment is informed:
- (a) That such equipment may be contaminated with pesticides.
 - (b) Of the potentially harmful effects of exposure to pesticides.
 - (c) Of the correct way to handle such equipment.

[Recodified as § 296-307-13035. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13035, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13040 Posted pesticide safety information--Standards for pesticide handlers--40 CFR, § 170.235.

- (1) Requirement. When handlers (except those employed by a commercial pesticide handling establishment) are on an agricultural establishment and, within the last thirty days, a pesticide covered by this part has been applied on the establishment or a restricted-entry interval has been in effect, the handler employer shall display, in accordance with this section, pesticide safety information.
- (2) Pesticide safety poster. A safety poster must be displayed that conveys, at a minimum, the following basic pesticide safety concepts:
- (a) Help keep pesticides from entering your body. At a minimum, the following points shall be conveyed:
 - (i) Avoid getting on your skin or into your body any pesticides that may be on plants and soil, in irrigation water, or drifting from nearby applications.
 - (ii) Wash before eating, drinking, using chewing gum or tobacco, or using the toilet.
 - (iii) Wear work clothing that protects the body from pesticide residues (long-sleeved shirts, long pants, shoes and socks, and a hat or scarf).
 - (iv) Wash/shower with soap and water, shampoo hair, and put on clean clothes after work.
 - (v) Wash work clothes separately from other clothes before wearing them again.
 - (vi) Wash immediately in the nearest clean water if pesticides are spilled or sprayed on the body. As soon as possible, shower, shampoo, and change into clean clothes.
 - (vii) Follow directions about keeping out of treated or restricted areas.
 - (b) There are federal rules to protect workers and handlers including a requirement for safety training.
- (3) Emergency medical care information.
- (a) The name, address, and telephone number of the nearest emergency medical care facility shall be on the safety poster or displayed close to the safety poster.

WAC 296-307-13040 (Cont.)

- (b) The handler employer shall inform handlers promptly of any change to the information on emergency medical care facilities.
- (4) Location.
 - (a) The information shall be displayed in a central location on the farm or in the nursery or greenhouse where it can be readily seen and read by handlers.
 - (b) The information shall be displayed in a location in or near the forest in a place where it can be readily seen and read by handlers and where handlers are likely to congregate or pass by, such as at a decontamination site or an equipment storage site.
- (5) Accessibility. Handlers shall be informed of the location of the information and shall be allowed access to it.
- (6) Legibility. The information shall remain legible during the time it is posted.
[Recodified as § 296-307-13040. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13040, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13045 Personal protective equipment--Standards for pesticide handlers--40 CFR, § 170.240.

- (1) Requirement. Any person who performs tasks as a pesticide handler shall use the clothing and personal protective equipment specified on the labeling for use of the product.
- (2) Definition.
 - (a) Personal protective equipment (PPE) means devices and apparel that are worn to protect the body from contact with pesticides or pesticide residues, including, but not limited to, coveralls, chemical-resistant suits, chemical-resistant gloves, chemical-resistant footwear, respiratory protection devices, chemical-resistant aprons, chemical-resistant headgear, and protective eyewear.
 - (b) Long-sleeved shirts, short-sleeved shirts, long pants, short pants, shoes, socks, and other items of work clothing are not considered personal protective equipment for the purposes of this section and are not subject to the requirements of this section, although pesticide labeling may require that such work clothing be worn during some activities.
- (3) Provision. When personal protective equipment is specified by the labeling of any pesticide for any handling activity, the handler employer shall provide the appropriate personal protective equipment in clean and operating condition to the handler.
 - (a) When “chemical-resistant” personal protective equipment is specified by the product labeling, it shall be made of material that allows no measurable movement of the pesticide being used through the material during use.
 - (b) When “waterproof” personal protective equipment is specified by the product labeling, it shall be made of material that allows no measurable movement of water or aqueous solutions through the material during use.

WAC 296-307-13045 (Cont.)

- (c) When a “chemical-resistant suit” is specified by the product labeling, it shall be a loose-fitting, one-piece or two-piece chemical-resistant garment that covers, at a minimum, the entire body except head, hands, and feet.
 - (d) When “coveralls” are specified by the product labeling, they shall be a loose-fitting, one-piece or two-piece garment, such as a cotton or cotton and polyester coverall, that covers, at a minimum, the entire body except head, hands, and feet. The pesticide product labeling may specify that the coveralls be worn over another layer of clothing.
 - (e) Gloves shall be of the type specified by the product labeling. Gloves or glove linings made of leather, cotton, or other absorbent material shall not be worn for handling activities unless such materials are listed on the product labeling as acceptable for such use.
 - (f) When “chemical-resistant footwear” is specified by the product labeling, one of the following types of footwear must be worn:
 - (i) Chemical-resistant shoes.
 - (ii) Chemical-resistant boots.
 - (iii) Chemical-resistant shoe coverings worn over shoes or boots.
 - (g) When “protective eyewear” is specified by the product labeling, one of the following types of eyewear must be worn:
 - (i) Goggles.
 - (ii) Face shield.
 - (iii) Safety glasses with front, brow, and temple protection.
 - (iv) Full-face respirator.
 - (h) When a “chemical-resistant apron” is specified by the product labeling, an apron that covers the front of the body from mid-chest to the knees shall be worn.
 - (i) When a respirator is specified by the product labeling, it shall be appropriate for the pesticide product used and for the activity to be performed. The handler employer shall assure that the respirator fits correctly by using the procedures consistent with chapter 296-62 WAC, Part E. If the label does not specify the type of respirator to be used, it shall meet the requirements of chapter 296-62 WAC, Part E. The respiratory protection requirements of the general occupational health standards, chapter 296-62 WAC, Part E, shall apply.
 - (j) When “chemical-resistant headgear” is specified by the product labeling, it shall be either a chemical-resistant hood or a chemical-resistant hat with a wide brim.
- (4) Exceptions to personal protective equipment specified on product labeling.
- (a) Body protection.
 - (i) A chemical-resistant suit may be substituted for “coveralls,” and any requirement for an additional layer of clothing beneath is waived.

WAC 296-307-13045 (Cont.)

- (ii) A chemical-resistant suit may be substituted for “coveralls” and a chemical-resistant apron.
- (b) Boots. If chemical-resistant footwear with sufficient durability and a tread appropriate for wear in rough terrain is not obtainable, then leather boots may be worn in such terrain.
- (c) Gloves. If chemical-resistant gloves with sufficient durability and suppleness are not obtainable, then during handling activities with roses or other plants with sharp thorns, leather gloves may be worn over chemical-resistant glove liners. However, once leather gloves are worn for this use, thereafter they shall be worn only with chemical-resistant liners and they shall not be worn for any other use.
- (d) Closed systems. If handling tasks are performed using properly functioning systems that enclose the pesticide to prevent it from contacting handlers or other persons, and if such systems are used and are maintained in accordance with that manufacturer’s written operating instructions, exceptions to labeling-specified personal protective equipment for the handling activity are permitted as provided in (d)(i) and (ii) of this subsection.
 - (i) Persons using a closed system to mix or load pesticides with a signal word of DANGER or WARNING may substitute a long-sleeved shirt, long pants, shoes, socks, chemical-resistant apron, and any protective gloves specified on the labeling for handlers for the labeling-specified personal protective equipment.
 - (ii) Persons using a closed system to mix or load pesticides other than those in (d)(i) of this subsection or to perform other handling tasks may substitute a long-sleeved shirt, long pants, shoes, and socks for the labeling-specified personal protective equipment.
 - (iii) Persons using a closed system that operates under pressure shall wear protective eyewear.
 - (iv) Persons using a closed system shall have all labeling-specified personal protective equipment immediately available for use in an emergency.
- (e) Enclosed cabs. If handling tasks are performed from inside a cab that has a nonporous barrier which totally surrounds the occupants of the cab and prevents contact with pesticides outside of the cab, exceptions to personal protective equipment specified on the product labeling for that handling activity are permitted as provided in (e)(i) through (iv) of this subsection.
 - (i) Persons occupying an enclosed cab may substitute a long-sleeved shirt, long pants, shoes, and socks for the labeling-specified personal protective equipment. If a respiratory protection device is specified on the pesticide product labeling for the handling activity, it must be worn.
 - (ii) Persons occupying an enclosed cab that has a properly functioning ventilation system which is used and maintained in accordance with the manufacturer’s written operating instructions and which is declared in writing by the manufacturer and by the Washington state department of labor and industries to provide respiratory protection equivalent to or greater than a dust/mist filtering respirator may substitute a long-sleeved shirt, long pants, shoes, and socks for the labeling-specified personal protective equipment. If a respiratory protection device other than a dust/mist-filtering respirator is specified on the pesticide product labeling, it must be worn.

WAC 296-307-13045 (Cont.)

- (iii) Persons occupying an enclosed cab that has a properly functioning ventilation system which is used and maintained in accordance with the manufacturer's written operating instructions and which is declared in writing by the manufacturer and by the Washington state department of labor and industries to provide respiratory protection equivalent to or greater than the vapor-removing or gas-removing respirator specified on pesticide product labeling may substitute a long-sleeved shirt, long pants, shoes, and socks for the labeling-specified personal protective equipment. If an air-supplying respirator or a self-contained breathing apparatus (SCBA) is specified on the pesticide product labeling, it must be worn.
 - (iv) Persons occupying an enclosed cab shall have all labeling-specified personal protective equipment immediately available and stored in a chemical-resistant container, such as a plastic bag. They shall wear such personal protective equipment if it is necessary to exit the cab and contact pesticide-treated surfaces in the treated area. Once personal protective equipment is worn in the treated area, it must be removed before reentering the cab.
 - (f) Aerial applications.
 - (i) Use of gloves. Chemical-resistant gloves shall be worn when entering or leaving an aircraft contaminated by pesticide residues. In the cockpit, the gloves shall be kept in an enclosed container to prevent contamination of the inside of the cockpit.
 - (ii) Open cockpit. Persons occupying an open cockpit shall use the personal protective equipment specified in the product labeling for use during application, except that chemical-resistant footwear need not be worn. A helmet may be substituted for chemical-resistant headgear. A visor may be substituted for protective eyewear.
 - (iii) Enclosed cockpit. Persons occupying an enclosed cockpit may substitute a long-sleeved shirt, long pants, shoes, and socks for labeling-specified personal protective equipment.
 - (g) Crop advisors. Crop advisors entering treated areas while a restricted-entry interval is in effect may wear the personal protective equipment specified on the pesticide labeling for early entry activities instead of the personal protective equipment specified on the pesticide labeling for handling activities, provided:
 - (i) Application has been completed for at least four hours.
 - (ii) Any inhalation exposure level listed in the labeling has been reached or any ventilation criteria established by WAC 296-307-12015 (3)(c) or in the labeling have been met.
- (5) Use of personal protective equipment.
 - (a) The handler employer shall assure that personal protective equipment is used correctly for its intended purpose and is used according to the manufacturer's instructions.
 - (b) The handler employer shall assure that, before each day of use, all personal protective equipment is inspected for leaks, holes, tears, or worn places, and any damaged equipment is repaired or discarded.

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- (6) Cleaning and maintenance.
- (a) The handler employer shall assure that all personal protective equipment is cleaned according to the manufacturer's instructions or pesticide product labeling instructions before each day of reuse. In the absence of any such instructions, it shall be washed thoroughly in detergent and hot water.
 - (b) If any personal protective equipment cannot be cleaned properly, the handler employer shall dispose of the personal protective equipment in accordance with any applicable federal, state, and local regulations. Coveralls or other absorbent materials that have been drenched or heavily contaminated with an undiluted pesticide that has the signal word DANGER or WARNING on the label shall not be reused.
 - (c) The handler employer shall assure that contaminated personal protective equipment is kept separately and washed separately from any other clothing or laundry.
 - (d) The handler employer shall assure that all clean personal protective equipment shall be either dried thoroughly before being stored or shall be put in a well ventilated place to dry.
 - (e) The handler employer shall assure that all personal protective equipment is stored separately from personal clothing and apart from pesticide-contaminated areas.
 - (f) The handler employer shall assure that when dust/mist filtering respirators are used, the filters shall be replaced:
 - (i) When breathing resistance becomes excessive.
 - (ii) When the filter element has physical damage or tears.
 - (iii) According to manufacturer's recommendations or pesticide product labeling, whichever is more frequent.
 - (iv) In the absence of any other instructions or indications of service life, at the end of each day's work period.
 - (g) The handler employer shall assure that when gas-removing or vapor-removing respirators are used, the gas-removing or vapor-removing canisters or cartridges shall be replaced:
 - (i) At the first indication of odor, taste, or irritation.
 - (ii) According to manufacturer's recommendations or pesticide product labeling, whichever is more frequent.
 - (iii) In the absence of any other instructions or indications of service life, at the end of each day's work period.
 - (h) The handler employer shall inform any person who cleans or launders personal protective equipment:
 - (i) That such equipment may be contaminated with pesticides.
 - (ii) Of the potentially harmful effects of exposure to pesticides.

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- (iii) Of the correct way(s) to clean personal protective equipment and to protect themselves when handling such equipment.
- (i) The handler employer shall assure that handlers have a clean place(s) away from pesticide storage and pesticide use areas where they may:
 - (i) Store personal clothing not in use.
 - (ii) Put on personal protective equipment at the start of any exposure period.
 - (iii) Remove personal protective equipment at the end of any exposure period.
- (j) The handler employer shall not allow or direct any handler to wear home or to take home personal protective equipment contaminated with pesticides.
- (7) Heat-related illness. When the use of personal protective equipment is specified by the labeling of any pesticide for the handling activity, the handler employer shall assure that no handler is allowed or directed to perform the handling activity unless appropriate measures are taken, if necessary, to prevent heat-related illness.

[Statutory Authority: Chapter 49.17.040 RCW. 98-24-096 (Order 98-13) § 296-307-13045, filed 12/01/98, effective 03/01/99. [Recodified as § 296-307-13045. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13045, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13050 Decontamination--Standards for pesticide handlers--40 CFR, § 170.250.

- (1) Requirement. During any handling activity, the handler employer shall provide for handlers, in accordance with this section, decontamination supplies for washing off pesticides and pesticide residues.
- (2) General conditions.
 - (a) The handler employer shall provide handlers with enough water for routine washing, for emergency eyeflushing, and for washing the entire body in case of an emergency. At all times when the water is available to handlers, the handler employer shall assure that it is of a quality and temperature that will not cause illness or injury when it contacts the skin or eyes or if it is swallowed. At least ten gallons of water for one employee and twenty gallons of water for two or more employees shall be provided at mixing and loading sites that do not have running water.
 - (b) When water stored in a tank is to be used for mixing pesticides, it shall not be used for decontamination or eyeflushing, unless the tank is equipped with properly functioning valves or other mechanisms that prevent movement of pesticides into the tank.
 - (c) The handler employer shall provide soap and single-use towels in quantities sufficient to meet handlers' needs.
 - (d) The handler employer shall provide one clean change of clothing, such as coveralls for use in an emergency.
- (3) Location. The decontamination supplies shall be located together and reasonably accessible to and not more than one-quarter mile from each handler during the handling activity.
 - (a) Exception for mixing sites. For mixing activities, the decontamination supplies shall be at the mixing site.

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- (b) Exception for pilots. The decontamination supplies for a pilot who is applying pesticides aerially shall be in the airplane or at the aircraft loading site.
- (c) Exception for handling pesticides in remote areas. When handling activities are performed more than one-quarter mile from the nearest place of vehicular access:
 - (i) The soap, single-use towels, clean change of clothing, and water may be at the nearest place of vehicular access.
 - (ii) The handler employer may permit handlers to use clean water from springs, streams, lakes, or other sources for decontamination at the remote work site, if such water is more accessible than the water with the decontamination supplies located at the nearest place of vehicular access.
- (d) Decontamination supplies in treated areas. The decontamination supplies shall not be in an area being treated with pesticides or in an area under a restricted-entry interval, unless:
 - (i) The decontamination supplies are in the area where the handler is performing handling activities;
 - (ii) The soap, single-use towels, and clean change of clothing are in enclosed containers; and
 - (iii) The water is running tap water or is enclosed in a container.
- (4) Emergency eyeflushing. To provide for emergency eyeflushing, the handler employer shall assure that at least one pint of water is immediately available to each handler who is performing tasks for which the pesticide labeling requires protective eyewear. The eyeflush water shall be carried by the handler, or shall be on the vehicle or aircraft the handler is using, or shall be otherwise immediately accessible.
- (5) A plumbed or portable emergency eyewash capable of delivering at least 1.5 liters (0.4 gals.) of water per minute for fifteen minutes shall be provided at all pesticide mixing and loading stations or handler decontamination sites when the label requires protective eyewear for mixing, loading or applying. A plumbed or portable system meeting the above requirements shall be provided at all permanent pesticide mixing and loading sites.
- (6) Decontamination after handling activities. At the end of any exposure period, the handler employer shall provide at the site where handlers remove personal protective equipment, soap, clean towels, and a sufficient amount of water so that the handlers may wash thoroughly. At least ten gallons of water for one employee and twenty gallons of water for two or more employees shall be provided at mixing and loading sites that do not have running water.

[Recodified as § 296-307-13050. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13050, filed 9/30/96, effective 11/1/96.]

WAC 296-307-13055 Emergency assistance--standards for pesticide handlers--40 CFR, § 170.260.

If there is reason to believe that a person who is or has been employed by an agricultural establishment or commercial pesticide handling establishment to perform pesticide handling tasks has been poisoned or injured by exposure to pesticides as a result of that employment, including, but not limited to, exposures from handling tasks or from application, splash, spill, drift, or pesticide residues, the handler employer shall:

- (1) Make available to that person prompt transportation from the place of employment or the handling site to an appropriate emergency medical facility.

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- (2) Provide to that person or to treating medical personnel, promptly upon request, any obtainable information on:
- (a) Product name, EPA registration number, and active ingredients of any product to which that person might have been exposed.
 - (b) Antidote, first aid, and other medical information from the product labeling.
 - (c) The circumstances of handling of the pesticide.
 - (d) The circumstances of exposure of that person to the pesticide.

[Recodified as § 296-307-13055. 97-09-013, filed 4/7/97, effective 4/7/97. Statutory Authority: RCW 49.17.040, [49.17.]050 and [49.17.]060. 96-20-082, § 296-306A-13055, filed 9/30/96, effective 11/1/96.]